

Docket No. IL-11198Customer No. 26857

Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):

Gary W. Johnson, Farid U. Dowla, Anthony J. Ruggiero

For (title): FADE-RESISTANT FORWARD ERROR CORRECTION METHOD  
FOR FREE-SPACE OPTICAL COMMUNICATIONS SYSTEMS

## 1. Type of Application

☒ This new application is for an original patent.☐ This new application is a:☐ Division☐ Continuation☐ Continuation-in-part (CIP)

## 2. Benefit of Prior U.S. Application(s) (35 USC 120)

☐ The new application being transmitted claims the benefit of prior U.S. application(s) listed below:

Application Serial No.

Filing Date

3. ☒ Benefit under 35 U.S.C. 119(e) of United States provisional application(s) listed below: 60/478,577 June 13, 2003

Application Serial No.

Filing Date

## 4. Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).

27 Pages of specification8 Pages of claims1 Pages of abstract8 Sheets of drawings☒ formal

## 5. Additional papers enclosed

☐ Preliminary Amendment☐ Information Disclosure Statement☐ Form PTO-1449

6. **Declaration or oath**

- ☐ Enclosed and executed by
- ☐ The inventors
- ☐ legal representative of inventor(s) 37 CFR 1.42 or 1.43
- ☒ Enclosed but NOT executed

7. **Assignment**

- ☒ An assignment of the invention to The Regents of the University of California.
- ☐ Is enclosed
- ☒ will follow

8. **Certified Copy**

Certified copy(ies) of application(s)

(country)	(application no.)	(filed)
(country)	(application no.)	(filed)

from which priority is claimed

- ☐ is(are) attached.
- ☐ will follow

9. **Fee Calculation**

CLAIMS AS FILED					
Type of Claim	Number Filed	Included in Basic Fee	Number Extra	Rate	Total Fee
Total Claims	11	-20 =	0	x \$18 =	\$ 0.00
Independent Claims	2	-3 =	0	x \$84 =	\$ 0.00
				Multiple Claims	= \$
				Basic Filing Fee	= \$ 750.00
				<b>Total</b>	<b>= \$ 750.00</b>

**10. Small Entity Statement(s)**

- ☒ This is a filing by small entity under 37 CFR 1.9 and 1.27.

Filing Fee Calculation (50% of regular filing fee) \$ 375.00

**11. Fee Payment**

- ☐ Not Enclosed  
☒ Enclosed

**Total Basic Filing Fees To Be Paid** \$ 375.00

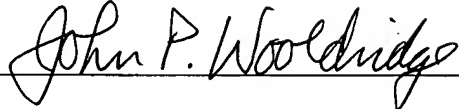
**12. Method of Payment of Fees**

- ☐ Check in the Amount of .00  
☒ Authorization is hereby \$375.00  
given to deduct the total  
fee from Deposit Account  
501913

**A duplicate of this transmittal is attached.**

**13. Instructions As To Overpayment/Underpayment**

- ☒ credit/charge  
Account No. 501913  
☐ refund



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Dated: September 29, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gary W. Johnson et al.

Attorney Docket No. : IL-11198

Serial No. :

Art Unit:

Filed :

Examiner:

For : Fade-Resistant Forward Error Correction Method  
For Free-Space Optical Communications Systems

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV123472519US

Date of Deposit September 30, 2003

I hereby certify that the following *attached*

1. New Application Transmittal (3 pages) (in duplicate);
2. Combined Declaration and Power of Attorney (2 pages);
3. Application:  
(Specification 27 pages, Claims 8 pages, Abstract 1 page)  
Eight (8) sheets of formal drawings;
4. Express Mail Certificate; and
5. Return postcard,

are being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

John P. Wooldridge

(Type or print name of person mailing paper)

  
(Signature of person mailing paper or fee)